Math 108-11W: Introduction to Math
Fall 2024
CRN 8346
Course Format: Online Asynchronous
3 Credits – 45 Hours

INSTRUCTOR INFORMATION

Instructor: Pai Song
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Department: Science and Mathematics
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Office Hours:
In-Person hours: MW: 10:00 – 11:30 AM; TR: 11:00 AM – 12:00 PM
Virtual meetings are available any day of the week by appointment.
Other times are available by appointment only. If at any time you need my assistance or you need to schedule an appointment, please send me an email. I check my email several times a day and will usually respond within 24 hours.

COURSE DESCRIPTION

Course Goal:
The goal of this course is to improve and enhance algebraic skills for solving problems that arise in real-world applications. The emphasis of this course will be on the development of critical thinking, analytical thinking, and problem-solving skills rather than memorization of facts and formulas.

Prerequisites:
Student must satisfy one of the following:
- ACT Math score of 18 or below
- SAT Math score of 500 or below
- Consent of the Chairperson of Science and Mathematics Department

Catalog Description:
This course is intended to prepare students for College Algebra (MATH 115). Topics include number theory and the real numbers; linear equations and inequalities; polynomial, rational, exponential, and logarithmic functions.

Course Objectives:
Upon completing this course, the student should be able to …
1. Classify rational numbers and irrational numbers; prime and composite numbers.
2. Perform operations on real numbers by order.
3. Use properties of exponents and convert numbers between scientific notation and decimal notation.
4. Apply arithmetic and geometric sequences.
5. Understand the vocabulary of algebraic expressions.
6. Evaluate and simplify algebraic expressions.
7. Solve linear equations containing fractions and decimals; use linear equations to solve problems; solve a formula for a variable.
8. Solve linear inequalities; solve applied problems using linear inequalities.

9. Multiply binomials, factor trinomials.
10. Solve quadratic equations by factoring and quadratic formula.
11. Solve problems modeled by quadratic equations.
12. Plotting points and graph equation in the rectangular coordinate system.
13. Use function notation and graph functions; obtain information about a function from its graph.
14. Graph a linear function using intercepts; compute slope of a line; find equation of a line using variety methods.
15. Solve systems of equations in two variables.
16. Solve systems of inequalities in two variables.
17. Model data using exponential, logarithmic and quadratic functions.
18. Apply concepts from the course to a variety of disciplines, such as biology, physics, chemistry, business, economics, and social sciences.

Relationship to General Studies Objectives:
Participation in this course will encourage the student to apply mathematical skills in their major area of study; which will better prepared them for employment or additional study in those areas. The course objectives support the following general education outcomes and competencies:

- Students will demonstrate a logical approach to solve mathematical problems.

COURSE REQUIREMENTS

Textbook: OpenStax College. (2020). *Intermediate Algebra (2e)*. OpenStax. ISBN-13: 978-1-951693-24-4.
This text can be accessed online at no cost to the student here: https://openstax.org/details/books/intermediate-algebra-2e .

Knewton Alta Access Code. ISBN: 978-1-63545-244-0.
It is required that students purchase this access code. One will not be provided by the instructor. Access codes can be purchased through GSU's Barnes & Noble College Bookstore or through Knewton Alta.

Other Materials:
The following supplies are required for this course: pencil, paper, and a TI-30/83/84 calculator. Students will also need access to reliable internet in order to view any additional instructional resources and to submit assignments to Knewton Alta. The following supplies are highly recommended but not required: binder, notebook, and graph paper.

Methods of Evaluation:
Course grades will be based on homework, quizzes, tests, and a comprehensive final exam. The weighted grade values are given below:

Method of Evaluation	Points Possible
Participation: Active participation is part of being a successful mathematics student. Students are expected to complete guided notes for each lesson (provided as a pdf on Brightspace). Students will print the blank notes and complete them as they watch the lecture videos associated with the guided notes. Students may also copy the notes on a labeled sheet of paper if they are unable to print the guided notes. Guided notes will be graded based on completeness and correctness. If students do not show all supporting work for all examples within the guided notes, full credit will not be given. While students may watch lecture videos and complete guided notes with others, they are required to submit their own work. **Failure to do so will result in a score of 0 and will be reported to Academic Affairs as academic dishonesty. Students may not submit notes that are not in pdf format. For information on how to convert photos to pdf, please see "Submissions of Assignments" below.** In total, students will watch lecture videos, take organized notes, and/or review quizzes/exams each week. Participation assignments will not be accepted late, unless prior arrangements have been made with the instructor.	180 15 x 12 each week
Homework: Practice is essential for developing the skills necessary for successful completion of this course. Homework will be assigned regularly on Knewton Alta. Please be aware that homework assignments may vary in their due dates throughout the week. It is the student's responsibility to keep track of all assignment deadlines.	240 24 x 10 points
Quizzes: Regular quizzes will be given on Knewton Alta throughout the semester based on homework assignments. All quizzes will have a time limit (typically 20-30 minutes, time varies by quiz length) and must be completed in one sitting. ***Unjustified responses will not earn full credit.*** Students must submit a single pdf of their labeled work within 10 minutes of	80 10 x 8 points each

completing each exam. **Failure to submit labeled work may result in a score of zero (0).** 10 quizzes will be included in the student's final grade calculation. For any additional quizzes, the lowest two scores will be dropped from the final grade calculation. Students are permitted to use guided notes and a scientific calculator when completing quizzes. All other external resources including, but not limited to, cell phones, the internet, other individuals, and Desmos, are strictly prohibited. **Using such resources will result in a score of zero (0) and will be reported to Academic Affairs as academic dishonesty**.	
Exams: Students will be required to complete three module exams throughout the semester; each exam will be based on course material within that particular module. Students will have one (1) attempt for each exam. Students will have 60 minutes to complete each module exam. All exams must be completed in one sitting. Students are not permitted to use their guided notes while taking exams nor any other external resources including, but not limited to, cell phones, the internet, other individuals, and Desmos, are strictly prohibited. **Using such resources will result in a score of zero (0) and will be reported to Academic Affairs as academic dishonesty**. Exams will be graded on accuracy and mathematical process, so students must show all work and/or explain their reasoning to receive full credit. ***Unjustified responses will not earn full credit.*** Students must submit a single pdf of their labeled work within 10 minutes of completing each exam. Failure to submit labeled work may result in a score of zero (0). **Students are expected to have and use a scientific calculator on each exam.** All exams must be taken on the indicated dates unless **prior** arrangements have been made with the instructor. Module exams will be administered according to the following schedule (may change slightly due to unforeseen circumstances): • **Exam 1: Wednesday, September 11 – Saturday, September 14 (DUE 11:59 PM)** • **Exam 2: Wednesday, October 9 – Saturday, October 12 (DUE 11:59 PM)** • **Exam 3: Wednesday, November 6 – Saturday, November 9 (DUE 11:59 PM)**	300 3 x 100 points each
Final Exam: The final exam will be semi-cumulative. That is, it will test concepts from all modules, with an emphasis on concepts from Module 4. **The final exam is mandatory-any student who does not take the final exam will fail the course unless arrangements for a grade of incomplete (I) have been made.** Students will have only one attempt at the exam, and they will only have two hours to complete the exam. Students will be graded on accuracy and mathematical reasoning so they must show all work and/or explain their reasoning to receive full credit. ***Unjustified responses will not earn full credit.*** Students are required to submit a single pdf of their labeled work within 10 minutes of completing each exam. **Failure to submit labeled work may result in a score of zero (0).** See departmental grading rubric for additional details about partial credit. ***Students are allowed to use a calculator on the exam.*** Students are not allowed to use notes, textbooks, internet resources, communication devices, or receive help from others. The final exam must be taken on the indicated date unless PRIOR arrangements have been made with the instructor. **The final exam will be available from Sunday, December 8 – Wednesday, December 11 (due at 11:59 PM).**	200
Extra Credit: Students are strongly encouraged to utilize tutoring and study services offered by GSU, by their instructor, or through Knewton Alta. For each hour of documented tutoring/study services that a student attends within the time frame of the module lectures and prior to completing the module exam, they may earn 2 bonus points toward the module exam (with a maximum of 10 bonus points). Examples of appropriate tutoring services include visiting the Math Center, ASC, SSS, the instructor's office hours, or working within the Knewton Review Center. If a student chooses to work within the Knewton Review Center, sufficient problems must be completed each hour in order to receive extra credit. There will be no other extra credit opportunities available for this course unless offered to all students in all sections of this course.	10 possible points per exam

Submission of Assignments:
In order to receive full credit on quizzes and exams, supporting work must be shown for all problems. Students should work on scratch paper and submit this electronically. There will be assignments created in Brightspace where work should be submitted. For example, students should submit their work for Module 1 Quiz 1 within the assignment "Module 1 Quiz 1 Work." Student's work must be in a single pdf and must be received within 10 minutes of completing the exam in order to

receive credit. To convert work to a pdf format, students may download the free Adobe Scan App to any mobile device with a camera. From there, students can either take a photo of their work, or upload already captured photos. More information on the Adobe Scan App can be found here. Students are responsible for verifying that their work is legible and in order. It is the student's responsibility to ensure they have the capability to submit their work in the required format prior to taking quizzes and exams.

Grading Scale:

100-90% = A	1000-900 points = A
89-80% = B	899-800 points = B
79-70% = C	799-700 points = C
69-60% = D	699-600 points = D
59-0% = F	599-0 points = F

Note: A grade of "D" may not satisfy all program requirements. Consult your academic advisor or the University catalog for more details.

Departmental Grading Rubric:
Problems on module tests and exams will be graded on accuracy and mathematical reasoning. You must show all work and/or explain your reasoning to receive full credit. Below is the departmental rubric used for grading each problem on each module test and/or exam:

Mathematical Knowledge and Strategy:

Exemplary	Acceptable	Developing	Unacceptable
100-90%: Shows complete understanding of the problem's mathematical concepts and principles. An efficient and sophisticated strategy is chosen and progress towards a solution is evaluated. Adjustments in strategy, if necessary, are made along the way, and/or alternative strategies are considered. Evidence of analyzing the situation in mathematical terms, and extending prior knowledge is present. Applies procedures accurately to correctly solve the problem and verifies the results. Explanation shows complete understanding of the mathematical concepts used to solve the problem.	89-60%: Shows some understanding of the problem's mathematical concepts and principles. A correct strategy is chosen based on the mathematical situation in the task. Planning or monitoring of strategy is evident. Evidence of solidifying prior knowledge and applying it to the problem solving situation is present. A systematic approach and/or a justification of correct reasoning are present. Applies procedures to correctly solve the problem, but may contain minor errors or missing steps. Explanation shows substantial understanding of the mathematical concepts used to solve the problem.	59-30%: Shows limited understanding of the problem's mathematical concepts and principles. A partially correct strategy is chosen, or a correct strategy for only solving part of the task is chosen, or an inappropriate strategy for solving the problem is chosen. Evidence of drawing on some previous knowledge is present, showing some relevant engagement in the task. Some correct reasoning or justification for reasoning is present with trial and error, or unsystematic trying of several cases. Explanation shows limited understanding of the mathematical concepts needed to solve the problem.	29-0%: Shows no understanding of the problem's mathematical concepts and principles. No strategy is chosen, or a strategy is chosen that will not lead to a solution. There is little or no evidence of engagement in the task present. Neither correct reasoning nor justification for reasoning is present. There were so many errors in the mathematical procedures that the problem could not be solved. Explanation shows no understanding of the underlying concepts needed to solve the problem or no explanation is provided.

Accuracy of Solution:

Fully Correct	Partially Correct	Incorrect
100%: The student provided a correct solution to the problem and included all required parts to the solution (units, mathematical symbols, rounding, simplified form, tables, etc).	99-1%: The student provided a correct solution to the problem, but did not include all required parts to the solution or provided incorrect parts to the solution (units, mathematical symbols, rounding, simplified form, tables, minor errors in the solution process, etc).	0%: The student did not provide a correct solution to the problem.

Mathematical Justification:
Students are expected to show their thinking while completing problems. Students must write their ideas on paper. Unjustified responses are not acceptable and will not earn full credit. The instructor will model the kind of work expected during lecture videos. The student may lose points for unjustified responses. The instructor is interested in understanding the depth of the students' knowledge and understanding of the algebraic concepts presented.

Example: *Solve the linear equation* $5 - \{2x - [3(-x + 7) + 9x]\} = 5(x + 2)$

Partial credit (at most)	Full credit
$x = 16$	$5 - \{2x - [3(-x + 7) + 9x]\} = 5(x + 2)$ $5 - \{2x - [-3x + 21 + 9x]\} = 5x + 10$ $5 - \{2x - [6x + 21]\} = 5x + 10$ $5 - \{2x - 6x - 21\} = 5x + 10$ $5 - \{-4x - 21\} = 5x + 10$ $5 + 4x + 21 = 5x + 10$ $4x + 26 = 5x + 10$ $26 = x + 10$ $16 = x$

Weekly Schedule of Reading and Other Assignments:
The outlined course readings and assignments may change throughout the semester; however, the topics outlined below will be followed as closely as possible. Changes in the schedule may occur due to unforeseen circumstances; you will be notified of the changes to the schedule and/or assignments by your instructor.

Week	Date	Topics
Week 1	8/19 ~ 8/23	Introductions, Syllabus, Course Orientation Mod 1 Lesson 1 Number Theory: Prime and Composite Numbers (1.1) Quiz 1 – Syllabus, Module 1 Lesson 1
Week 2	8/26 ~ 8/30	Mod 1 Lesson 2 The Integers; Order of Operations (1.1, 1.2) Mod 1 Lesson 3 The Rational Numbers (1.3) Quiz 2 – Module 1 Lesson 2
Week 3	9/2 ~ 9/6	**9/2 (Monday) Labor Day – No Class / University Closed** Mod 1 Lesson 4 The Irrational Numbers (1.4, 8.2, 8.4) Quiz 3 – Module 1 Lessons 3 and 4
Week 4	9/9 ~ 9/13	Mod 1 Lesson 5 Real Numbers and Their Properties (1.5) Exam 1 Review Exam 1 – Wednesday, September 11 – Saturday, September 14 (DUE 11:59 PM)
Week 5	9/16 ~ 9/20	Mod 2 Lesson 1 Arithmetic and Geometric Sequences (12.2, 12.3) Mod 2 Lesson 2 Algebraic Expressions and Formulas (1.1, 5.1) Quiz 4 – Module 2 Lessons 1 and 2
Week 6	9/23 ~ 9/27	Mod 2 Lesson 3 Linear Equations in One Variable and Proportions (2.1, 7.5) Mod 2 Lesson 4 Applications of Linear Equations (2.2) Quiz 5 – Module 2 Lesson 3
Week 7	9/30 ~ 10/4	Mod 2 Lesson 5 Linear Inequalities in One Variable; Interval Notation (2.5, 2.6) Quiz 6 – Module 2 Lessons 4 and 5 **10/4 (Friday) Fall Recess – No Class / University Open**
Week 8	10/7 ~ 10/11	Exam 2 Review Exam 2 – Wednesday, October 9 – Saturday, October 12 (DUE 11:59 PM) Mod 3 Lesson 1 Graphing and Functions (3.1, 3.5, 3.6)
Week 9	10/14 ~ 10/18	Mod 3 Lesson 2 Linear Functions and Their Graphs (3.2, 3.3) Quiz 7 – Module 3 Lessons 1 and 2
Week 10	10/21 ~ 10/25	Mod 3 Lesson 3 Systems of Linear Equations in Two Variables (4.1) Mod 3 Lesson 4 Linear Inequalities in Two Variables (3.4, 4.7) Quiz 8 – Module 3 Lesson 3
Week 11	10/28 ~ 11/1	Mod 3 Lesson 5 – Polynomials (5.1) Mod 3 Lesson 6 - Exponents and Scientific Notations (5.2) Quiz 9 – Module 3 Lessons 4 and 5
Week 12	11/4 ~ 11/8	Exam 3 Review Exam 3 – Wednesday, November 6 – Saturday, November 9 (DUE 11:59 PM)
Week 13	11/11 ~ 11/15	Mod 4 Lesson 1 – Multiply Binomials, Factor Trinomials (5.3, 6.2) Mod 4 Lesson 2 – Solving Quadratic Equations by Factoring (6.5) Quiz 10 – Module 4 Lessons 1 and 2
Week 14	11/18 ~ 11/22	Mod 4 Lesson 3 – Solving Quadratic Equations by Quadratic Formula (9.3) Mod 4 Lesson 4 – Modeling Data: Exponential, Logarithmic, and Quadratic Functions (9.6, 10.2, 10.3) Quiz 11 – Module 4 Lessons 3 and 4
Week 15	11/25 ~ 11/29	**Thanksgiving Break (Monday – Friday) – No Class; University Open (Monday – Wednesday)**
Week 16	11/2 ~ 12/6	Final Exam Review Quiz 12 – Review

Make-Up Work Course Policy:
It is the student's responsibility to complete all assignments and take all tests/exams on or before the due date. Late online homework assignments will be accepted with a penalty (5% deduction per day, this is only for the questions completed after the due date), unless PRIOR arrangements have been made with the instructor. **Any person who must miss a scheduled test and/or exam because of an official college function as deemed by the Office of Academic Affairs must reschedule with the instructor PRIOR to the function; otherwise, the student will not be given an opportunity to make-up the test and/or exam.**

Internet service/Hardware/Software Needed:
All students must have access to a computer (a laptop or a desktop) with stable internet connection to be able to access the resources and homework assignments on Knewton Alta.

Attendance Course Policy:
Attendance is required for all classes. To be in compliance with federal guidelines, students are expected to be present at all class sessions to be eligible for financial aid through Title IV of the Higher Education Act of 1965. In order to document attendance for financial aid purposes, students must physically attend a class session during the first week of scheduled classes. Students who stop attending a course after the first week may remain enrolled in the course or instructors may initiate policy procedures for Administrative Withdrawal as outlined in the Glenville State University Catalog. Students must complete the proper withdrawal procedures if they wish to withdraw from the course prior to the last day to withdraw from an individual course with a grade of W. Students who stop attending a course or courses after the first week and who do not officially withdraw or who are not administratively withdrawn will receive a grade of FIW (Failure due to Irregular Withdrawal). It may be necessary for the student to be absent from scheduled classes or laboratories for personal reasons. On such occasions, all matters related to a student's absence are to be arranged between the student and the instructor, including making up missed work. The student is responsible for the academic consequences of any absences. Institutional absences do not exempt students from required course work. If attendance make-up work is provided by the instructor, it is the student's responsibility to complete it, regardless of the reason for the absence.

Withdrawal Information:
If for any reason you believe that you may be unable to complete the course, please talk with your instructor and/or advisor before withdrawing from the course.
The last day to add or drop classes without a "W" is Friday, August 23rd.
The last day to withdraw from a class with a grade of "W" is Friday, October 25th.

Academic Dishonesty:
Cheating and/or plagiarism will not be tolerated. Read the Glenville Academic Dishonesty Policy.

Academic Misconduct Statement:
Disorderly and/or disruptive behavior in the classroom setting may result in an academic penalty such as final course grade, grade penalty, exclusion from class, etc. when the course instructor has provided written notice to the student. Such notice may be provided via the course syllabus or specific written notification (with copy to advisor). Any member of the campus community may also file an incident report regarding alleged misconduct with Student Affairs for possible sanction in accordance with the Student Conduct Code. Appeals of academic penalty will be referred to the Academic Appeals Panel and will be governed by the Student Academic Grievance Policy. Appeals of sanctions imposed under the Student Conduct Code will be reviewed in accordance with the processes outlined in the Code (see Student Handbook for details). Incident reports of alleged student misconduct are permanently maintained in the Office of Student Affairs.

Electronic Digital Communication Device Use Statement:
Glenville State University values the time and effort involved in the learning process. Interruptions caused by rings and musical selections from electronic digital communication devices interrupt and disrespect the opportunities for student learning in the classroom environment.
When in the University classroom, all electronic digital communication devices must be turned off and out of sight. Laptop computers may be used only for course-related activities with instructor permission. There may be no conversations via electronic digital communication device, whether audible or text-messaging, while in the Glenville State University classroom. In an emergency situation, the instructor may give a student permission to use an electronic digital communication device.
The instructor has the right to ask the student to leave the classroom for the remainder of the class period if the student uses an electronic digital communication device during class. If the student leaves the room to speak on an electronic digital

communication device, it is at the instructor's discretion as to whether or not the student may return to the classroom when the conversation is completed.

Study Expectations:
You are expected to participate in each class session, and you are expected to spend a minimum of 6 additional hours each week for completing activities that are directly related to this course, such as: problem sets, select readings, instructional videos, and studying for tests and exams. Please note that this expectation is a minimum expectation. It is your responsibility to budget your time to complete the course. It is your responsibility to email and notify the instructor if you are having difficulties in completing assignments or if something arises in your schedule that will briefly keep you from progressing.

Assignment Expectations:
You should make the work which you submit as neat and organized as possible. This makes it easier for you to review it later, and it makes it easier for your instructor to grade. You are also less likely to make mistakes if your work is well organized and legible. The instructor may return work for revision which is sloppy, difficult to read, or which needs re-organized. In extreme cases, the instructor may require a student to type his or her work.

Calculator Usage:
Graphing calculators at or below the level of a TI-84 Plus are required for this course. Any student using a calculator other than a TI-84 shall inform the instructor of the model being used, and the student must receive approval for its use. Students using an approved calculator other that the TI-84 Plus are responsible for its proper operation and use. TI-89 calculators or other computer algebraic systems (CAS) are not allowed; in addition, calculators on cell phones, iPods, tablets, or any other devices are not allowed (except with permission from the instructor for in-class activities). It will be considered cheating if a student uses a non-approved device on an exam; in addition, sharing a calculator with another student(s) during an exam will be considered cheating for all individuals involved. Graphing calculators will not be provided so it is the student's responsibility to bring one to class. Basic calculators will be provided on testing days for any student who does not have one.

Other Course Policies:
- The instructor and students are expected to check their Glenville State University emails regularly.
- Course updates will be posted on Brightspace.
- The instructor and students will check Brightspace at least four (4) times per week.
- Be on time. Once the door is closed, tardy students may not be admitted.
- Notify the instructor if you plan on being absent from a class.
- Assignments on Knewton Alta will not be extended/re-opened without appropriate documentation.
- Don't wait until the last minute to complete online assignments, technology has not been perfected.
- Absences on exam days will result in a grade of zero. It is the student's responsibility to notify their instructor in advance of absence on exam day.

Tutoring/Additional Support:
There are several tutoring/support services available if you are having difficulties in completing course assignments and/or studying for tests/exams.
- Departmental tutoring will be available to any students enrolled in a mathematics course at Glenville State University. The Math Center will consist of peer tutors and instructors, and it is located on the first floor of the RFK Library.
- Students are encouraged to use the instructor's office hours for additional support in the course. Special study sessions may be available.
- Tutoring services are also available at the Academic Success Center located on the third floor of the Robert F. Kidd Library
- Some students (members) may be eligible for tutoring through the Student Support Services.
- Students are encouraged to use the instructional videos on Knewton for explanations and guidance. This can be accessed by clicking "More Instruction" on the Knewton assignment.

ADA Students Statement
"It is the policy of Glenville State University to provide reasonable accommodations for qualified individuals with documented disabilities. This University will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations with regard to affording equal educational opportunities. It is the student's responsibility to provide documentation of a disability to the Academic Success Center located on the third floor of the Robert F. Kidd Library. The staff will assist students and faculty in arranging appropriate accommodations. This is in accordance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990."

"Glenville State University prepares and inspires students to be thoughtful, productive, engaged, and responsible citizens who contribute to the well-being of their community, state, nation, and world."

Course Evaluations
Course evaluations are a critical way for students to share constructive criticism with faculty about the class. Students are encouraged to share what they felt were strengths and areas of improvement in the course. All student comments are collected anonymously.

University-wide Policies
All university policies are in effect during this course for relevant policy and procedures in the classroom.

Reserve Clause
The instructor reserves the right to revise, alter, or amend this syllabus as necessary. Students will be notified in writing / e-mail of any such changes.

Force Majeure
The duties and obligations of Glenville State University may be modified or suspended immediately and without notice because of force majeure causes beyond Glenville's reasonable control and occurring without its fault or negligence including, but not limited to, acts of God, fire, war, governmental action, terrorism, epidemic, pandemic, weather, national emergencies, or other threats to the safety of students, faculty, or staff. If such an event occurs, Glenville's duties and obligations may be modified, suspended, or postponed until such time as Glenville, in its sole discretion, may safely resume operations. Glenville may, at its option, and in its sole discretion, alter the academic year schedule or provide alternate means of instruction, including, but not limited to, distance or remote learning.

WILEY KNEWTON | alta

What is Knewton alta?
Knewton alta is an adaptive online learning tool that takes a personalized approach to education. It pinpoints exactly what you need to learn now, and exactly what you need to learn next. Knewton alta supports and guides you, almost like a 1:1 tutor. Your instructor will use Knewton alta to assign homework, quizzes, and tests. You and your instructor can track your progress and offer additional help if you need it during the course of the semester.

How will I learn with Knewton alta?
The way you work in Knewton alta may be different than what you are used to. When you answer a question correctly OR incorrectly it impacts your progress and determines what you will learn next. If you guess or try to skip through an assignment, you will create more work for yourself. Each assignment varies from student to student, so you may answer 10 questions, while your peer answers 12 depending on your understanding and performance.

So remember…
Every answer counts! Do your best to answer questions correctly, in the format that's required. Guessing to move past a question can actually make your assignment take longer! Instead, click "More Instruction." This won't hurt your progress — you'll get extra help with instructions and review questions to help you move forward.
Don't skip ahead! Read assignment instructions and watch the videos as they appear. Skipping instructional materials won't change your grade, but you can miss important information.

Purchase & Registration

A textbook is not required for this class. However, you will need to purchase Knewton alta access.

OPTION 1: Purchase an Access Code from the Bookstore
Shop in the campus bookstore and your access code will print on your receipt at checkout.

OPTION 2: Purchase directly through Knewton using a credit card = $39.95 or $9.95 billed monthly
You can purchase access directly through Knewton using any major credit card AFTER following the registration instructions below.
TO REGISTER THROUGH AN LMS: Within the Brightspace course, click on any assignment link. Brightspace will redirect you to knewton.com and auto-create an account for you using the school email address tied to your Brightspace account. Then proceed to step one on the list below to complete purchase.

How to Get Help

For Technical Problems
Use the "Feedback" button anywhere in Knewton alta to capture a screenshot and send all relevant technical information to our 24/7 Client Services team.

For Content Errors
Click the stacked dot icon next to any piece of content to Report an Issue. This ensures that the report goes directly to Knewton's content team to be fixed.

For Academic Support
If you're stuck, click "More Instruction" to complete a review that does **not** impact your progress. If you need additional help, reach out to your instructor.